

PAETEC Products & Services Portfolio



PAETEC

www.paetec.com

Open Communication | Unmatched Service | Personalized Solutions

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Company Profile

Founding Principles

PAETEC was founded in 1998 when CEO Arunas A. Chesonis and a core team of executives recognized that existing telecommunications providers were failing to respect the most important factor governing the long-term success of any business - first-rate customer service. Our executive team has crafted a dynamic corporate culture that emphasizes people as the essential corporate asset, and world-class technical alliances as the foundation for long-term business growth.

Corporate Mission

PAETEC's corporate mission is to be the most customer and employee-oriented communications provider.

Corporate Values

PAETEC has built its entire business around people - our customers, our employees, and our business alliances. We foster a working environment that rewards enthusiasm, teamwork, individual initiative, and proper work-life balance. Our belief is that satisfied employees result in increased productivity and, ultimately, a high level of customer satisfaction. The essence of the PAETEC Experience can be summarized in the following four Corporate Values:

- Caring Culture
- Open Communication
- Unmatched Service
- Personalized Solutions

Every aspect of our company is aligned with at least one of these four values, whether it is how we run our business, satisfy our customers, or treat our people. There are many reasons why customers initially select PAETEC; however, the relationship established is what keeps them with us.

Business Integrity

Our success is defined not just by realizing our mission, but also by our reputation for integrity and fair dealing. PAETEC's Code of Business Conduct articulates the standards of business and professional ethics and represents our commitment to promoting the highest ethical standards.

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Personalized Solutions

■ Software Solutions

PINNACLE Communications Management Suite

- Invoice Manager
- Cost Manager
- Operations Manager
- Switch Manager
- Professional Services
 - Implementation Services
 - Site Assessments
 - Technical Consulting Services
 - Custom Engineering Services
 - Migration Services
 - Training Services
- Business Solution Options
 - Licensed Software
 - Hosted Application Service
 - Managed Application Service

■ Voice Solutions

Voice over IP (VoIP)

- IP Hosted Telephony
- Dynamic IP Service

Trader Voice Services

- Automatic Ring Down
 - Private Line IP and TDM
- Manual Ring Down
 - Private Line IP and TDM
- Business Continuity Service
 - Multi-Leg Ring-Down
 - Diverse Local Access

IP Contact Center Services

- IVR
- Network Queuing
- Dynamic Inbound Routing
- Historical and Real-Time Reporting
- Centralized Administration

Local

- Local Dial Tone and Features
- Local POTS

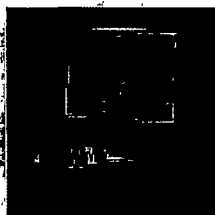
Long Distance & 8XX Toll-Free Services

- Domestic
- International and International Toll-Free
- Dedicated
- Switched

Enhanced Services

- Audio and Web Conferencing
- Calling Cards
- Operator Services
- Direct Trunk Overflow (Disaster Recovery)

Upgrade & Stay Within Your Budget



With PAETEC's extraordinary profit-sharing programs, Equipment for Services (EFS) and Software for Services (SFS), budget constraints and out-of-date equipment and software are things of the past. You can eliminate the costs of modernizing your aging telecommunications infrastructure with more financial comfort than you ever thought possible, because EFS and SFS give you the freedom to obtain what you need, when you need it, without advancing a large capital outlay.

- One-vendor solution for equipment, software, network solutions, and financing
- Leverage buying power with PAETEC's volume purchasing
- Eliminate budget constraints
- Multiple equipment and software partners and preferred vendors
- Upgrade aging infrastructure with state-of-the-art technology
- Consolidate monthly billing
- Competitive, fixed network rates for the life of the contract
- Expert analysis of equipment, software, and network needs

Open Communication | Unmatched Service | Personalized Solutions
www.paetec.com

■ Data Solutions

MPLS VPN

- MPLS with QoS
-World-Reach
and Extended-Reach
- IPSec
- Ethernet

Internet

- Dedicated Access (T-1
through OC-n)
- Burstable Access (Ethernet
through OC-n)
- E-mail

Enhanced Services

- Business Continuity/Disaster
Recovery
- Network Performance
Reporting
- Router Configuration
Services
- Data Back-Up and Recovery
- Dedicated Server
- Web Hosting

■ Network Security Solutions

E-mail Security Services

- Anti-Spam
- Anti-Virus
- Image Control
- Content Control

Web Security

- Web Security Services
-Web Anti-Virus and Anti-Spyware
-URL Filtering
- Web/E-mail Protector
-Full T-1 of Internet
-Web Anti-Virus and Anti-Spyware
and E-mail Security's Anti-Virus
and Anti-Spam

Network Security

- Network Firewall Services

Voice Security

- Managed Fraud Protection
-Enhanced
-Premier

■ Integrated Solutions & CPE

Network Engineering & Consultation

- Network Planning and Design
- Implementation Consultation
- Implementation Project Management
- Voice and Data Network Integration
- VoIP Network Design and Integration
- Business Continuity

Network Maintenance & Support

- Full Product Life-Cycle Support

Equipment Partners

- Avaya (Silver BusinessPartner)
- ADTRAN
- BlueCoat
- Cisco Systems (Certified Silver Partner)
- FatPipe
- Nortel (Advantage Partner)
- Packeteer

Unmatched Service

PAETEC's Online Customer Support

- Access account information
- View bills and payment history
- Pay invoices online
- Obtain service usage reports
- Change toll-free ring-to numbers
and DNIS digits in real time
- View trouble ticket history and status
- Receive upcoming service maintenance
e-mail notifications

www.paeteconline.com



Network Operations Center

- 24x7 network monitoring
- Highly trained technicians
- Continual and up-to-date training
on emerging technologies

1.877.340.2555

Customer Service

- Personalized support
- Knowledgeable account
specialists
- High first-call resolution

1.877.340.2600

Account Management

- One-to-one support
- Proactive account consultation

 PAETEC

Local DID Trunks

Provided on an analog or digital basis, PAETEC's Direct Inward Dial (DID) Trunks carry incoming calls directly to your PBX for routing to the intended recipient. Individual numbers for each employee's telephone eliminate the need for switchboard intervention. Our competitive pricing, coupled with discounted rates on DID number blocks, provide you with exceptional savings.

Two-Way Trunks

Provided on an analog or digital basis, PAETEC's Two-Way Trunks carry both outgoing and incoming calls. You can combine trunk groups for both DID and DOD services to maximize your network utilization. Incoming calls can terminate either at the operator's console or directly to individual extensions.

PRI T1 (Primary rate Interface ISDN)

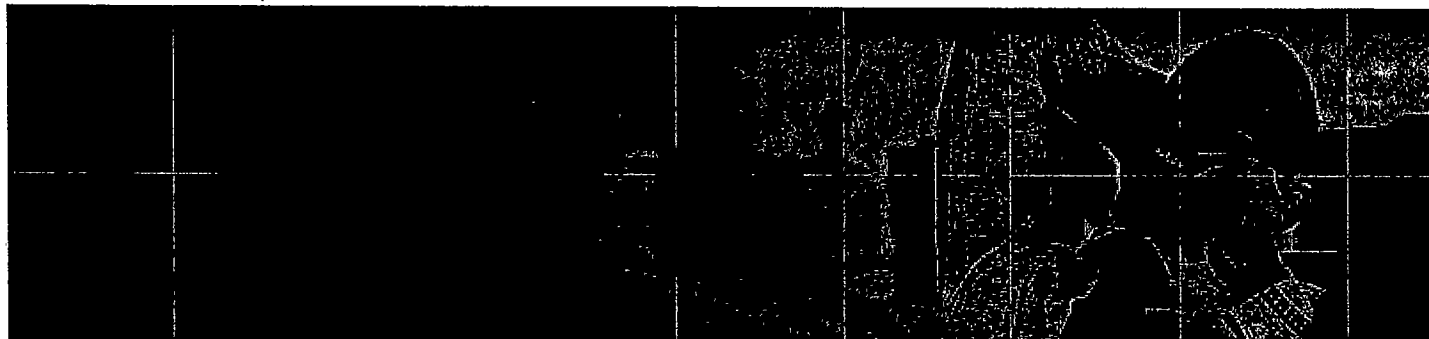
For faster out-of-band signaling, PRI utilizes 23 channels for inbound and outbound calling and the 24th or 'D' channel for signaling information. This allows for better delivery of ANI (automatic number identification) and DNIS (dialed number identification service). Allocate your PRI trunks in any combination of DOD, DID, or Two-Way trunks you desire. Combine your local and long distance needs, along with Internet needs, on a single access line.

TeleBlock Outbound Call Screening Solution

PAETEC's call compliance solution, TeleBlock®, is an outbound call screening solution that provides call blocking functionality for small- to medium-sized businesses with call blocking requirements. TeleBlock® call screening service uses a centralized database to determine whether potential customers reside on a Do-Not-Call (DNC) list to screen "Call" versus "Do-Not-Call" prospects, requires no hardware or software, can be implemented quickly, and does not require capital expenditures. TeleBlock® is the perfect solution for businesses conducting outbound calls that generate approximately 50,000 to one million calls per month or have between two to three T1s.

For more information about PAETEC's competitive local services, contact the PAETEC sales office nearest you.

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Voice Services

Local Features and Benefits

Our local service is competitively priced and offers sophisticated feature functionality. And, with PAETEC, you'll have a single bill and a single point of contact for all your telecommunications services.

- Robust product portfolio offered in 53 major markets
- Typical discounts of 15% to 30% off your current provider
- One low monthly fee for local, Long Distance, and Internet with Value Bundles
- No need to change current telephone numbers
- 911, directory assistance and operator services
- Single invoice
- Convenient on-line customer service portal, PAETEC Online
- Dedicated account team, including an account manager and service engineer
- 24-hour network-operations-center coverage and surveillance offers peace of mind
- Ability to complement your disaster recovery plan with TruConnect Diversity
- Connection to a quality network protected by self-healing SONET rings
- Network architecture easily accommodates upgrades
- Broad range of services: business lines, trunks, T1s, and more
- Opportunity to save on capital equipment purchases with Equipment for Services program
- Do-Not-Call (DNC) list screening solution available for outbound call centers

ISO Certification Ensures Quality

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Voice Services

Local Custom Calling Features

Local Features

Call Hold

Call Privacy

Call Trace

Call Transfer Plus

Call Waiting Plus

Caller ID

Caller ID Plus Name

DID DNIS

Interoffice Dial

Foreign Exchange Service

Direct Trunk Overflow

Speed Calling

ANI*DNIS*

3-Way Calling

Queuing

Account Codes

Anonymous Call Rejection

Automatic Call Return

Automatic Redial

B-Channel Transfer

DID Termination

Expanded Rate Centers

http://www.paetec.com/voice/local_features.html

01/30/2008

Call Forward

Don't Access-All Calls

Remote

Plus

Plus-Feature Button

Busy Line-All Calls

Busy Line-Feature Button

Call Forward Variable

Feature Button

Remote Access

Feature Button-Remote Access

Hunt Features

Regular

Circular

Uniform Call Distribution

Hunt/Non-Hunt Number

2-Way Forward

2-Way Backward

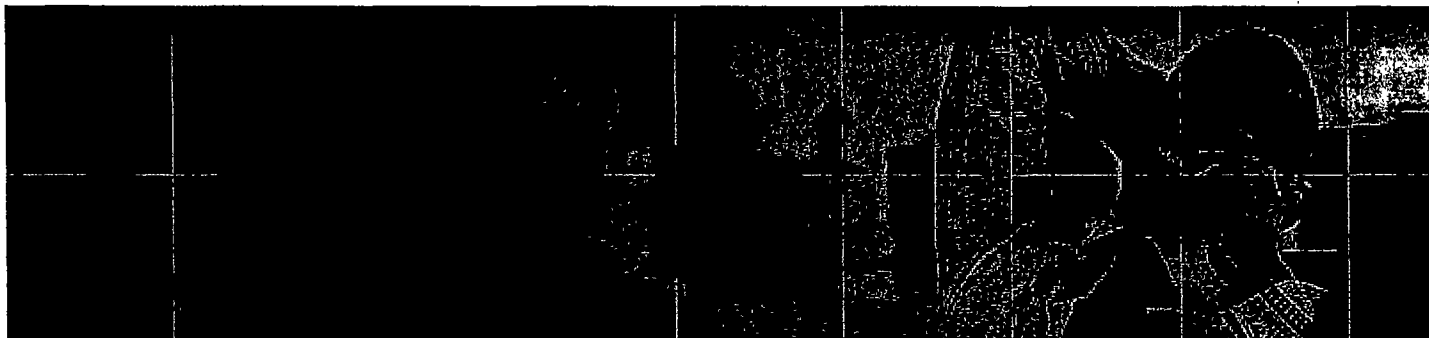
First In-First Out

Most Idle

Forward Circular Sequential

Backward Circular Sequential

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Voice Services

VoIP Product Information

Transform the Way Your Business Communicates

Your business needs to stay connected to remain competitive, but your legacy telephone system drains valuable resources from mission-critical initiatives, and multiple providers make it difficult to manage costs. You know you need to stop spending valuable time and money managing your traditional phone system, multiple providers, and run-away expenses, but how? PAETEC has the answer.

Make Your Conventional Phone System a Thing of the Past

Whether you manage one legacy telephony system or multiple systems, you can choose flexible and cost effective VoIP solutions that will seamlessly merge your voice telephony and data technology onto a single network, providing simplicity and reducing costs.

Make Your VoIP Hosted Telephony Reduces Network Complexity

Whether the result of mergers and acquisitions or organic growth, many businesses have voice networks that include equipment from different manufacturers with multiple service agreements, contracts and bills. Network management and planning is complex and time-consuming. Moves, Adds, Changes, and Deletions (MACDs) can number in the hundreds, and coordinating multiple vendors and service providers for even the simplest upgrade or expansion results in lengthy implementation cycles.

PAETEC's VoIP Hosted Telephony offers flexible and affordable solutions with a fully managed IP network for integrated voice and data, a customer portal for enterprise management. Collaboration Services (Voice Messaging, ACD, IP Conferencing) are also available.

- **VoIP Hosted Premium** replicates PBX functionality and offers a robust suite of end-user and enterprise features and management portals.
- **VoIP Hosted Basic** offers a standard suite of end-user and enterprise features with an enterprise administration portal.
- **VoIP Hosted Dial-tone** offers enterprise features and administration portal.

Hosted Telephony Enterprise Administrative Portal

This portal is available for all VoIP Hosted services: Premium, Basic, and Dial-tone. Administrators can perform telephony management through a simple and *easy-to-use Web interface*.

- Manage dialing plans
- Set up and manage hunt groups
- Make MACDs instantly without requiring specialized resources or service calls
- Directly manage employee access such as feature configuration and DID changes
- Monitor usage
- Premium users can define internal groups and subgroups and set-up account codes

Hosted Telephony End-user Call Manager Portal

This portal is available to end-users of VoIP Premium Hosted Service customers. End-users have the ability to set up and manage their communications in the way they prefer.

Hosted Telephony Personal Web Portal

This portal is also available to end-users of VoIP Premium Hosted Service customers.

- Individual end-users have direct control of phone features
- Portal provides easy access for features management
- Ability to turn features on and off as needed

VoIP Dynamic IP Services Integrates with Your Existing Equipment

If you wish to manage your own on-premises IP network, PAETEC's VoIP Dynamic IP Services (SIP Trunk Group) Services offer you true bandwidth allocation for voice and data while leveraging your existing voice equipment. Voice and data services equally share all bandwidth with no artificial business line limitations. With dynamic bandwidth, one network serves all your voice, Internet, and WAN (Private-IP) needs.

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Voice Services

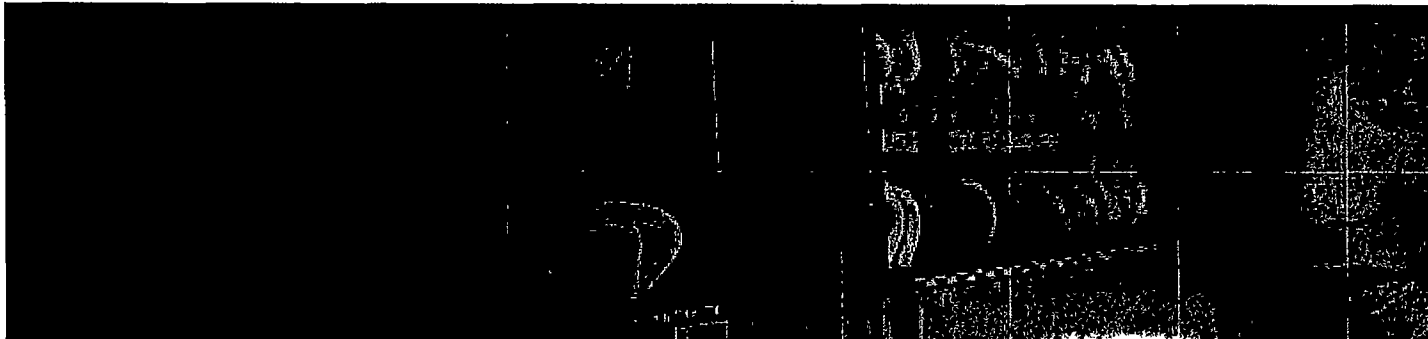
VoIP Features and Benefits

VoIP Hosted Telephony

- PAETEC hosts and manages your bandwidth on our secure NexGen VoIP network
- Integrate voice and data onto a single communications network
- Reduce capital expenses
- Reduce purchases, leases, and management of premises-based equipment
- Cut calling costs with free calling between company locations
- Decrease telecom and IT support and problems
- Single provider and one bill for all voice and data needs
- Secure IP connection with QoS

VoIP Dynamic Bandwidth

- Works seamlessly with your existing telephone equipment or telephony systems
- Integrate voice and data onto a single communications network
- IP-enable your network at your pace
- Cut calling costs with free calling between company locations
- Requires no changes to your existing business phone numbers
- Single provider and one bill for all voice and data needs
- Secure IP connection with QoS gives you the flexibility to optimize bandwidth
- IP PBX solution provides desktop-to-desktop IP communications

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Data Services

Data Services Overview

The Rising Importance of Data

The trend in the telecommunications industry is clear: Data is on the rise. Your business now depends on flexible and scalable networking options, secure remote access options and reliable data back up and recovery solutions in order to ensure business continuity, meet industry regulations and succeed in the marketplace.

Advances in technology have permitted modern packet-switched data networks to replace traditional circuit-switched voice networks, supplanting circuits and providing enormous benefits in efficiency, power, flexibility and cost savings - even for voice applications. As network architectures, protocols and technologies continue to evolve, we continue to expand our data services portfolio to incorporate leading-edge developments, transforming these new capabilities into enhanced value for you. Sharing information, conducting research and establishing an electronic storefront has never been easier, and our award-winning customer service is there to help you along the way.

Next-Generation Networks

PAETEC is committed to building and developing world-class next-generation communications networks and have partnered with leading technology providers including Cisco, Lucent and Juniper to create superb data network services that consistently meet or exceed the highest industry standards.

Today, our robust portfolio of data services offers businesses a wide variety of data solutions and applications including Dedicated Internet Access, Metro Ethernet, MPLS VPN, Frame Relay and ATM private networks - all designed with the strictest of security and performance requirements in mind. PAETEC data solutions interconnect your locations within our private network so your information stays where it belongs - in your control.

Our IP-enabled services are specifically designed for businesses and engineered to meet your unique needs. Supported by some of the best Service Level Agreements in the industry, PAETEC helps ensure you have the tools to run your business today while preparing for tomorrow.

Simplify Network Maintenance

If you don't have the time or budget for an IT staff, allow us to manage your network, leaving you more time to do what you do best - focus on your business.

PAETEC offers a suite of services that we configure, install and manage for you 24 x 7 x 365. Feel safe knowing that communications are secure with our Firewall and Router services. In addition, your equipment is kept safe, secure, and protected in one of our state of the art data centers.

Your PAETEC solution is designed to fit your unique needs. Ranging from Dial up Internet Access to 1000MB Ethernet Local Loop, we offer everything in between, including DSL, T-1, bonded T-1 (up to 12MB) and DS-3 (45MB) services.

In planned communities and multiple-dwelling environments, PAETEC.net delivers broadband access over high-speed switched Ethernet networks.

Security and Stability

From end to end, our network is supported and monitored 24 x 7 x 365 in our six state-of-the-art Network Operations Centers; rest assured knowing your business is getting the attention it deserves. Whatever your needs, PAETEC is there for you.

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industry focus

financial services

government

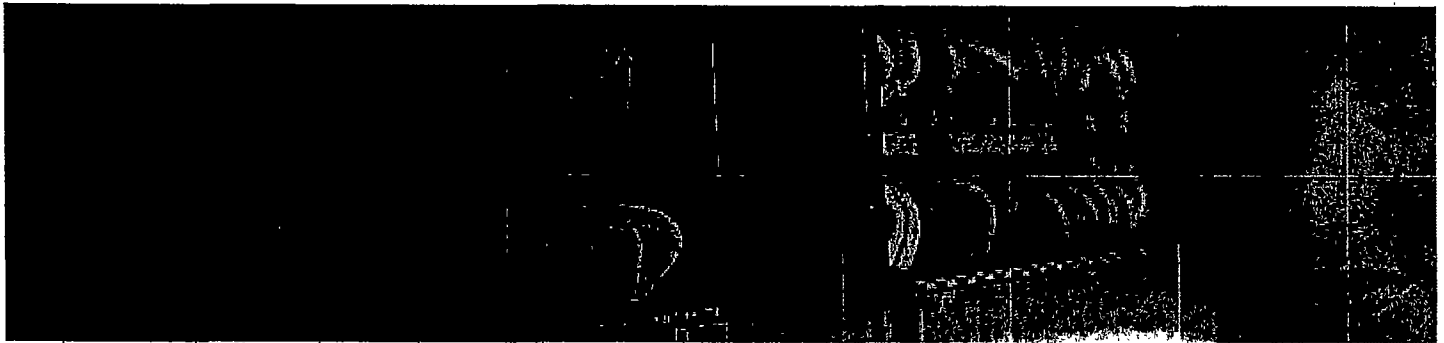
healthcare

higher education

hospitality

professional services

retail

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Data Services

Internet Product Information

Burstable Internet

Business Internet needs are not always predictable, and an Internet connection should be able to grow instantly with business needs. PAETEC's Burstable Internet allows for bursting up to 1 Gbps, with no additional charges for top 10% or 72 hours of bursting. The ability to burst to higher speeds without the associated Dedicated Internet cost gives ultimate flexibility to a business.

Dedicated Internet

PAETEC has highly reliable, symmetrical Dedicated Internet at speeds from 64 Kbps to 1 Gbps, backed by PAETEC's high performance IP network and industry-leading Customer Service. As your company grows, adding in additional speed is simple and easy.

Router Configuration Services

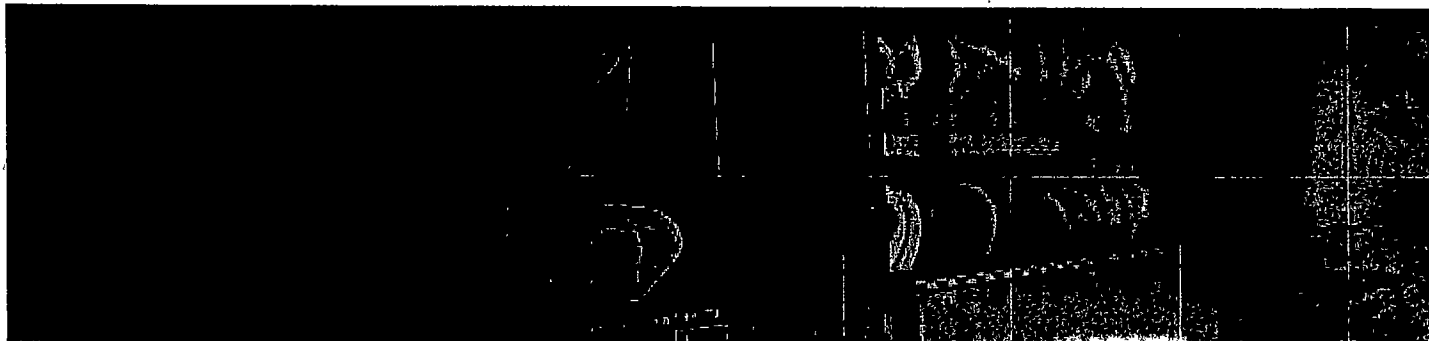
Managing a router can be costly and daunting. For a low, monthly charge, PAETEC professionals can recommend the optimum solution, as well as configure and maintain your router(s).

Real-time Usage Reporting

It is vital for an IT manager to know how their network is performing at all times. PAETEC Online, our customer web portal, offers a management system that includes real-time inbound and outbound statistics by day, week, month or even year, at no additional cost. For more in-depth reporting and application analysis requirements, PAETEC offers our Network Performance Reporting service.

For more information, contact the PAETEC sales office nearest you.

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Data Services

Internet Features and Benefits

PAETEC Internet Offers These Features and Benefits

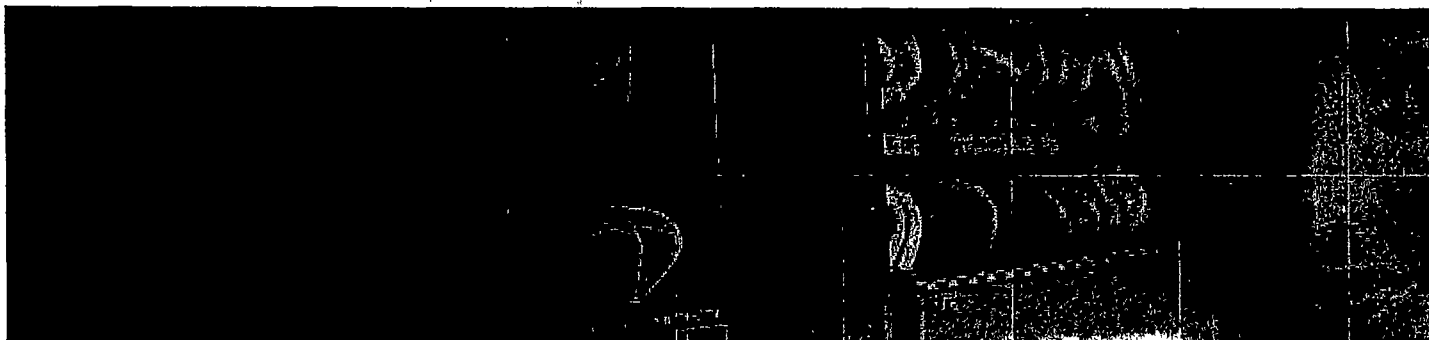
- Available in speeds from sub-T1 to 1.5 Mb to OC-N or GigE
- Burstable Internet allows for bursting up to 1 Gbps
- High Performance IP Network with multiple private peering points offering diversity
- Economical Managed Router Service
- One low monthly fee for Internet, long distance, and local with Value Bundles
- Opportunity to save on capital equipment purchases with our Equipment for Services/Software for Services/programs.
- Multiple reporting options with PAETEC Online and Network Performance Reporting

ISO Certification Ensures Quality



All PAETEC internal procedures are completely ISO 9001:2000-certified to ensure consistent delivery of the highest quality service to our customers. Our back-office systems and procedures are developed according to an internal quality-management system based on the internationally recognized standards required for ISO 9001:2000 registration. By standardizing the way services are delivered, greater operational efficiencies are achieved.

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Data Services

MPLS VPN Overview

Secure, Affordable Enterprise Network Solutions

VPN offers an affordable way to build an enterprise network that delivers the performance, security, and reliability of a dedicated private-line network. Our professionally managed VPN service can help you provide your employees, business partners, and customers with secure access to your company's data from virtually anywhere. PAETEC's VPN adheres to the latest industry standards using either MPLS with Quality of Service (QoS) or IP Security (IPSec), both of which operate on our highly secure national IP-over-SONET backbone. We offer extensive coverage - MPLS VPN service is available to more than 50 countries, including those in Asia, Europe, and South America, as well as 151 markets within the U.S., U.S. territories, and Canada.

The VPN product has a new feature, Direct Internet Access (DIA), which utilizes the same VPN port that is used for Extended-Reach* and World-Reach**.

**Extended-Reach is considered domestic private-IP VPN service outside of the core PAETEC footprint.*

***World-Reach is considered international private-IP VPN connectivity.*

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Communication Solutions Provider for Higher Education

Our valued Higher Education customers include:

Boston University
Dartmouth College
Florida Atlantic University
Georgetown University
Princeton University
Rhode Island School of Design
San Diego State University
Syracuse University
University of New Mexico
Yale University

Customized Solutions to Meet Your Communication Needs

In recent years, colleges and universities have experienced tremendous challenges in providing students and administrators with 21st-century communication tools while coping with budgetary constraints and the physical limitations of existing physical infrastructure.

PAETEC's distinctive ability to design, provision, and manage personalized solutions has enabled over 350 educational institutions to enhance the student learning experience while meeting complex network demands.

A Genuine Interest in Higher Education

PAETEC proudly supports the higher education industry through relationships with several affiliate organizations, including ACUTA and EDUCAUSE.

ISO Certification Ensures Quality



All PAETEC internal procedures are completely ISO 9001:2000 certified to ensure consistent delivery of the highest quality service to our customers.

Tailored Solutions for Your Higher Education Institution

Business Continuity Solutions

PAETEC's extensive portfolio of disaster recovery and business continuity options ensures reliability and peace of mind. Your institution can rest assured that its communication channels will be available and confidential student and staff records will be secure.

- Carrier Diversity
- Facilities Diversity (Wireline and Wireless)
- Central Office and Switch Diversity
- Protocol Diversity (TDM and IP)
- Selective Call Forwarding / Direct Trunk Overflow
- E-mail Spooling

Communications Management Software

PAETEC's enterprise communications management software, PINNACLE, consolidates the management and delivery of technology services. It enables your organization to gain instant access to real-time cost and operational details and improve cost accountability.

- Invoice Management and Reconciliation
- Billing and Invoice Allocation
- Asset Management
- Workflow Optimization
- Inventory Control
- Cable Plant Management

Advanced IP & Telephony Solutions

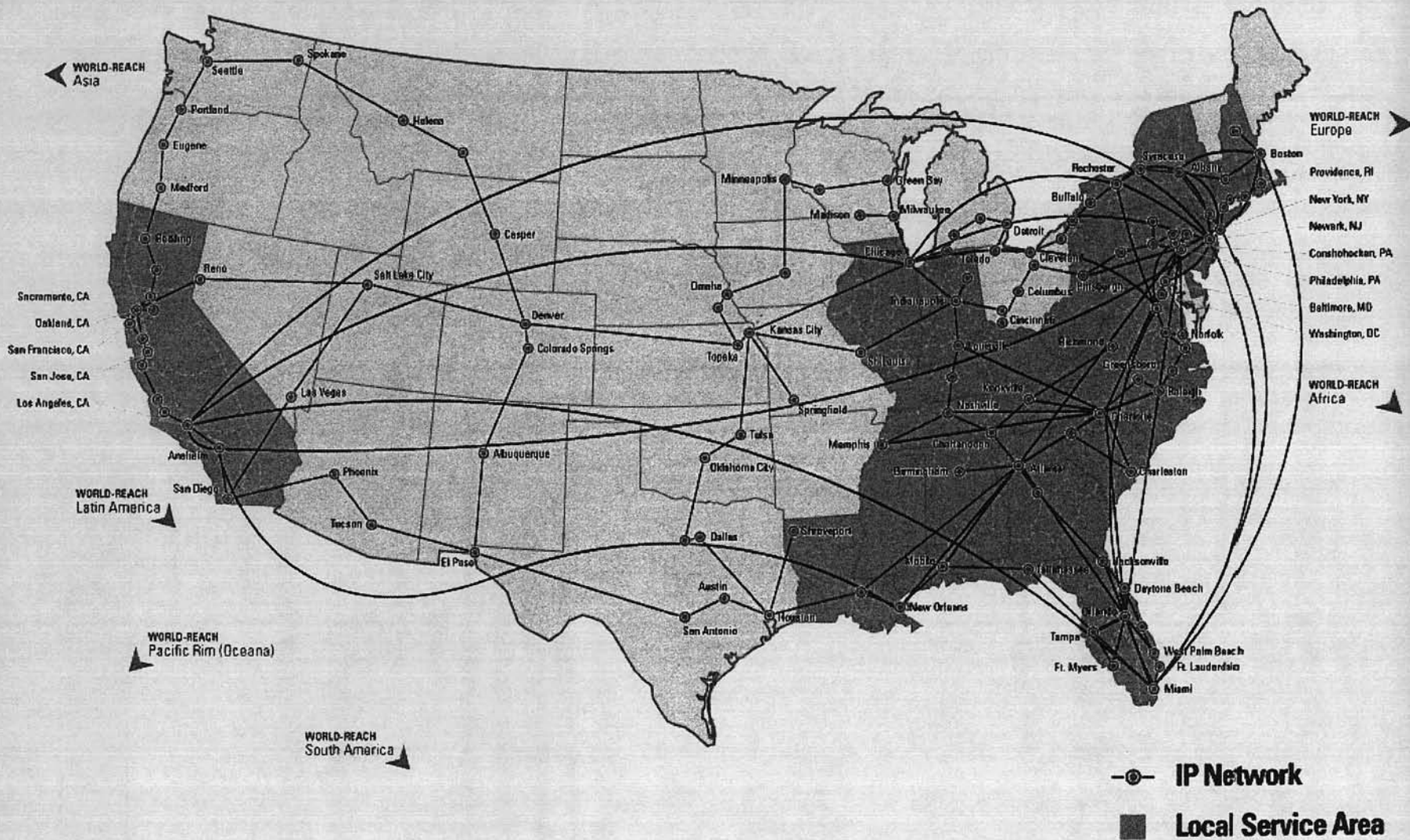
Experienced PAETEC professionals design, install, and maintain your state-of-the-art solution, providing your organization with the flexibility and expertise required within the higher education market.

- Voice over IP (VoIP)
- MPLS VPN
- Dedicated Internet Access (T-1 through OC-n)
- Burstable Internet Access (Ethernet through OC-n)
- Local and Long Distance Services
- E-mail and Web Security Services

Managed Services

PAETEC partners with our customers that require additional support, providing deployment and implementation support, 24x7 monitoring, technical consulting, and training services.

- Strategic IP Planning and Migration
- Invoice Reconciliation Services
- Hosted IP Services
- Student Long Distance Services



PAETEC's Voice & IP Network

Switch Sites

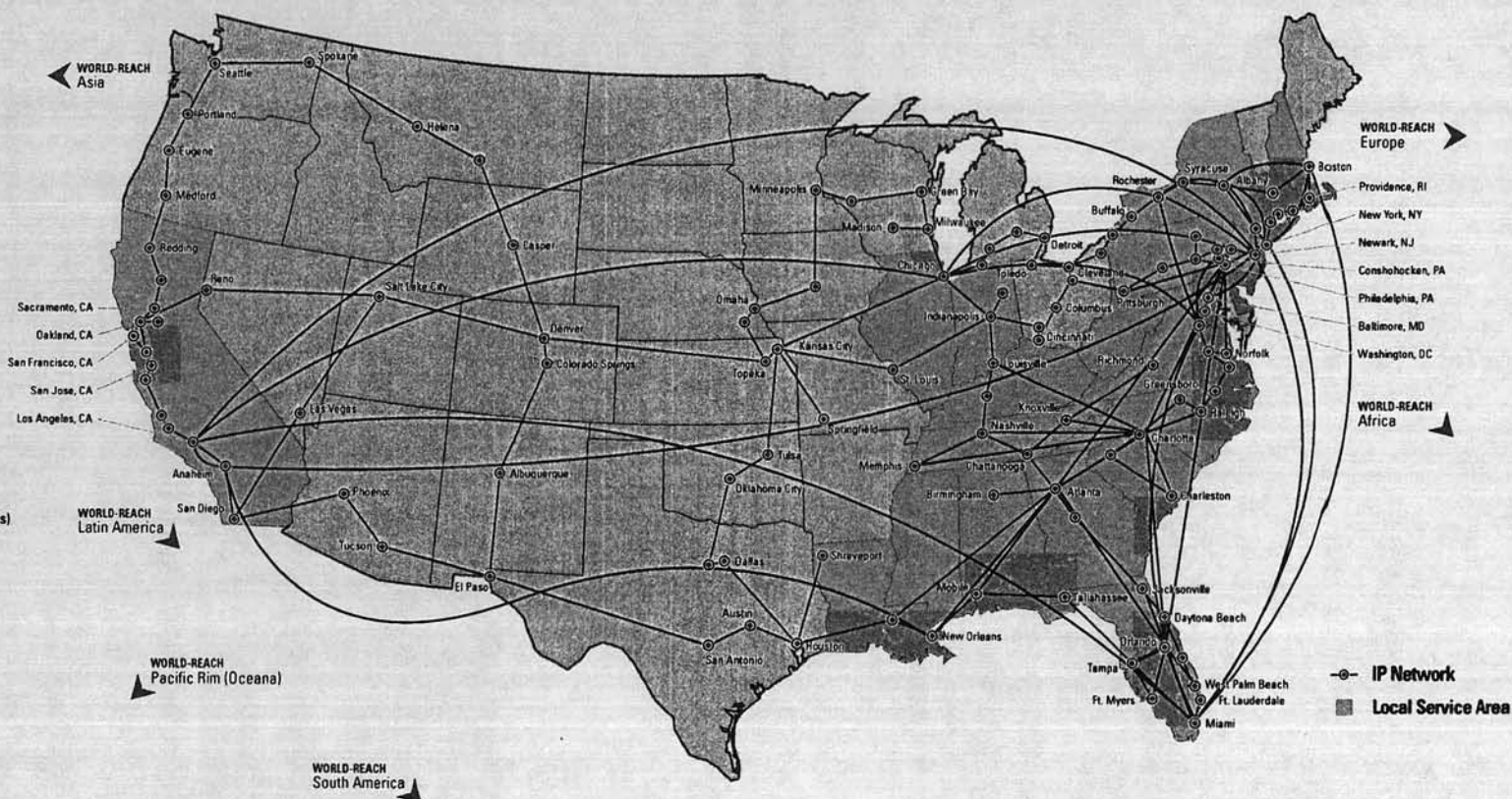
Albany, NY
Atlanta, GA
Baltimore, MD
Birmingham, AL
Boston, MA
Charlotte, NC
Chattanooga, TN
Chicago, IL
Ft. Myers, FL
Greensboro, NC
Jacksonville, FL
Knoxville, TN
Los Angeles, CA
Louisville, KY
Memphis, TN
Miami, FL
Mobile, AL
Nashville, TN
New Orleans, LA
New York, NY
Norfolk, VA
Orlando, FL
Philadelphia, PA
Pittsburgh, PA
Raleigh, NC
Richmond, VA
Rochester, NY
Tampa, FL
Washington, DC
West Palm Beach, FL

Network Operations Centers (NOCs)

Charlotte, NC
Rochester, NY

Data Center Sites

Bethlehem, PA
Conshohocken, PA



Qwest

QWave

The bandwidth you need at a price you can afford

The demand for bandwidth continues to surge due, in part, to growth in applications, the Internet, centralized architecture and e-business. Qwest® QWave® provides customer solutions utilizing our award winning Qwest® AdaptiveBuild® process. This process delivers fully managed, end-to-end optical networks designed for the specific needs of enterprises and service providers. Designed to offer redundancy, it can protect your network against unexpected failures. QWave is based on a fully-managed service model providing both a long-haul and a metro solution.

Description

QWave is a fully managed, private, point-to-point service delivered over a state-of-the-art dense wave division multiplexing (DWDM) network. The product is ideally suited for banks and financial institutions, government organizations, enterprise customers, interexchange carriers (IXCs) and wireless operators that require dedicated broadband transport network connectivity without the need for capital or the responsibility of owning and operating network infrastructure. Qwest provides an end-to-end solution with a wide range of transport bandwidths including 1GbE, 2.5G (OC-48), 10G (OC-192) - SONET or SDH - and 10GbE LAN PHY. Qwest AdaptiveBuild supports any special requirements with respect to interfaces, diversity, end-to-end connectivity and special routing for both metro and long-haul applications.

Features

Some of the distinct features you'll enjoy from our QWave service include:

- Custom solutions delivered via our award-winning AdaptiveBuild process ensure the highest level of security and performance to support mission-critical applications
- Point-to-point, fully-managed optical wavelength service
- State-of-the-art DWDM network technology
- Long-haul and metro service connectivity
- A service level agreement (SLA) that is among the industry leaders
- Custom routing to meet unique diversity and disaster recovery requirements
- Low latency
- Unprotected or protected service options
- Monitored 24/7 network control center includes fault management of network transport alarms, surveillance, dispatch and fix verification/tracking.

Benefits

Beyond the peace of mind that comes with knowing your network is extremely reliable, QWave offers a comprehensive communications solution that includes these benefits:

- End-to-end transparency, giving you greater visibility and control of your broadband services for more effective network management.
- Privately-owned fiber and repeater stations enabling you to focus on core competencies, relieving the burden of network management.
- Reduces the financial expenditure of network ownership thus preserving capital resources
- Ability to be configured to meet disaster recovery requirements combined with a customer-facing monitoring portal
- World-class service level agreements from 99.9 percent (unprotected) to 99.999 percent (protected—on an individual case basis)

How it works

Qwest uses state-of-the-art DWDM technology that enables several streams of digital information to be put on different wavelengths of light eliminating interference with one another. This allows

transport of up to 96 channels in a single strand of fiber and translates into higher capacity and lower cost.

- **Protection** – Qwest offers a variety of protection configurations including point of presence (POP)-to-POP as well as premises-to-premises services. This is available for long-haul and metro applications.
- **Diversity** – Qwest can meet customer requirements for redundancy or disaster recovery. Diversity can be configured to include POP, fiber path and node diversity. Dual entrances and fiber risers in buildings may also be available subject to confirmation of available facilities. Diversity circuits are uniquely identified in Qwest systems to ensure committed routing.
- **Interconnections to customer equipment (applications)** – Qwest offers a variety of interconnections with customer-owned equipment for data, video and storage protocols.

Why buy from Qwest?

Qwest is a well-established supplier of telecommunication services and solutions to large business enterprises, government customers, content providers and interexchange carriers. Qwest's customers trust us to provide solutions that secure their applications—both on a daily basis and in the event of extraordinary circumstances.

Qwest QWave has a proven track record of exceeding customer expectations through:

- Competitive pricing
- Nationwide long-haul and metro footprint
- Qwest® AdaptiveBuild®
- Ideal solution for applications requiring low latency
- Premier trouble management for one-call resolution

Other products available from Qwest

- Qwest Metro Private Line
- Qwest Domestic Private Line
- Qwest International Private Line
- Qwest Ethernet Private Line
- Qwest Metro Optical Ethernet
- Qwest iQ Networking®
- Qwest Hosting Services

Qwest® QWave® is available in the domestic U.S., subject to available facilities. Term commitment required. Additional equipment may be needed to terminate circuits. Installation, expedite, local access, extended wiring and other charges may apply.

Qwest Domestic Private Line Service

Protect your virtual enterprise and secure traffic between locations

For your business to compete in today's ever-changing marketplace, you must extend your market reach using tools such as the Internet and advanced communications systems. As the speed of virtual business accelerates with newer and better technologies, your need to protect key business operations from competition and downtime becomes even greater. In response, Qwest® offers Private Line services that protect your critical business traffic and provide exceptional reliability and accessibility.

Qwest Domestic Private Line provides the peace of mind that your internal business traffic is transmitted quickly and securely via an end-to-end private connection. Deployed over the Qwest network, a complete range of digital and analog Private Line services is available for growing businesses seeking end-to-end provisioning, extensive domestic and international availability, industry-leading service level agreements (SLAs) and competitive pricing.

Description

As your company delivers more electronic information over greater distances, the need to transmit data, video and voice reliably and securely becomes essential. Qwest Private Line uses advanced synchronization technologies so all of your private line traffic—from DS-0 to OC-N—is delivered via high-speed connections. Qwest Private Line offers a variety of line speeds to meet your business needs. Digital Private Line service is available at DS-0 (64 Kbps), fractional DS-1 (128 Kbps and up), DS-1 (1.544 Mbps), DS-3 (45 Mbps) and OC-N (155 Mbps and up). Digital Private Line services utilize digital local loops that provide nearly 100 percent end-to-end network availability. Qwest DS-1 service can also be configured as clear channel or channelized and it is compatible with virtually all DS-1 systems in use today. For your analog requirements, Qwest Private Line supports tie lines, off-premises extensions, foreign exchange lines and automatic ring-down lines.

Features

- Robust SLAs—99.999 percent network availability.
- All links are protected with redundant fiber and self-healing ring technology.
- Private Line supports voice, video and Internet.
- Qwest Passport Multi-Connect.
- Four-fiber, bidirectional line-switched ring (BLSR) technology is the gold standard in the synchronous optical network (SONET) world. Circuits are switched automatically from the working side to the protect side of the ring within 50 ms.
- Multiplexing (muxing) is available at DS-1, DS-3 and OC-N circuit levels, depending on customer-selected options and restrictions. It provides flexibility to connect multiple signals and/or locations (e.g., point-to-multipoint applications are easily accommodated).
- Network monitoring and management assists in achieving high levels of performance.
- Domestic Network Diversity® service enhancement—On request and subject to availability, Qwest provides a point-to-point transmission between two Qwest points of presence (POPs) that is provisioned and maintained as a distinct circuit from your primary on-net circuit. Diversity service is available as follows:
 - Ring diversity
 - Route diversity
 - Single-circuit diversity
- 24/7 customer support.

Benefits

- **Reliable transport service**—Scalable, low latency, supports multiple applications (e.g., data, IP, ATM, voice, video, etc.) and flexible (allows you to build network configurations).
- **Cost efficient**—Allows you to combine multiple incongruent services over one line and aggregate slower speed services on to high-bandwidth trunks.
- **Security**—The telecommunications facility is dedicated for your use, protecting the confidentiality of your information and making this one of the most secure services available.
- **Performance**—SLA includes circuit availability objective of 99.999 percent end-to-end.
- **Continuity of operations**—Enhanced Diversity routing assists in planning for disaster recovery.
- **Minimal delay**—Private Line accommodates even the most delay-sensitive applications.
- **Integrated services**—A single channelized interface on your local access facility provides access to different voice and data services. Enables cost-effective access to Qwest's voice, Private Line and Internet services over one interface.

How it works

The service provides a fixed capacity of bandwidth for transport of your digital communications traffic, utilizing and conforming to SONET standards that originate and terminate a physical connection at a Qwest-specified demarcation point located in the Qwest POP. The service extends to and includes the equipment maintained by Qwest that is necessary to connect the service to the customer's interconnection facilities at the Qwest-specified network interface points. Interconnection, collocation, and/or local access services are not included as part of the Domestic Private Line service, but may be ordered in conjunction, either through Qwest or other telecommunications providers.

Why buy from Qwest?

- Qwest can help you simplify your provider-selection process. As an established carrier serving business and government for many years, we offer a broad selection of data and voice services at very competitive prices, backed by proven processes, a highly reliable network and a dedicated organization. One of the most popular and highly relied upon data services is Qwest Domestic Private Line service.
- Qwest provides Domestic Private Line service-optic footprint.
- Qwest employs industry-leading controls in the areas of personnel, systems and facility security. Our network elements are protected through logical and physical security measures that are controlled and auditable.
- Qwest offers a secure, self-healing, high-speed network.
- Qwest provides flexibility of offerings and extensive capabilities.
- Qwest offers one of the highest bandwidths commercially available.
- Qwest has highly aggressive, industry-leading price points.
- Qwest delivers one of the most robust SLAs in the industry.
- Qwest offers global services network services.